

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **2000-231942**

(43)Date of publication of application : **22.08.2000**

(51)Int.Cl.

H01M 14/00

H01G 9/20

H01G 9/00

H01L 31/04

(21)Application number : **11-033748**

(71)Applicant : **NIKON CORP**

(22)Date of filing : **12.02.1999**

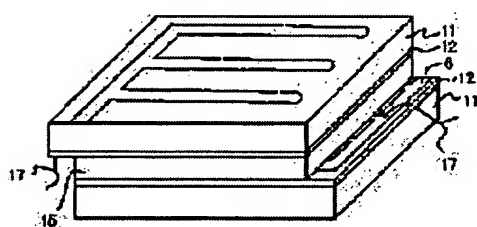
(72)Inventor : **NOMURA TATSUSHI
ISHIZAWA HITOSHI**

(54) PIGMENT SENSITIZATION SOLAR BATTERY

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a pigment sensitization solar battery of high photovoltaic conversion efficiency even if having a large area.

SOLUTION: In this pigment sensitization solar battery wherein a transparent conducting film 12 is formed on one side of a transparent substrate 11, a pigment sensitization semiconductor element 13 is formed on one side of a conductive substrate (including the transparent substrate 11 formed with the transparent conducting film 12 on one side thereof), the transparent substrate 11 and the conductive substrate are affixed each other as a counter electrode of the pigment sensitization semiconductor electrode 13 and an electrolytic solution is injected into the space therebetween, a lead electrode 6 is disposed between the transparent substrate 11 and the transparent conducting film 12 so as to divide the



transparent substrate 11 into a predetermined area.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]